



## Crop Weather Report

**Issue: 07-28**

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Monthly: Nov-Mar

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**Released: Sept. 17, 2007**  
For the Week Ending:  
Sept. 16, 2007

### Weather Summary

Temperatures have cooled down with highs mainly in the 80s with some locations experiencing temperatures in the lower 90s degrees. Culbertson had the high temperature at 92 degrees, and Scobey experienced the low of 12 degrees. The state received limited precipitation for the week. Nye had the most moisture at 0.45 inches. Topsoil moisture adequate and surplus was 18 percent, below last week's 20 percent and last year's 42 percent. Subsoil moisture adequate and surplus is 20 percent, below last week's 21 percent but above last year's 19 percent. There were 6.5 days suitable for fieldwork during the week.

The weather outlook for September 24<sup>th</sup> through September 30<sup>th</sup> is for near normal temperatures and near normal precipitation east of the continental divide and for below normal temperatures and above normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 60s to the mid 70s and lows in the lower 30s to the upper 40s.

| Soil Moisture & Fieldwork Table    | This Week | Last Week | Last Year | 5 Yr Avg |
|------------------------------------|-----------|-----------|-----------|----------|
| <b>Topsoil Moisture</b>            |           |           |           |          |
| Very Short                         | 47        | 46        | 24        | 30       |
| Short                              | 35        | 34        | 34        | 38       |
| Adequate                           | 16        | 19        | 39        | 30       |
| Surplus                            | 2         | 1         | 3         | 2        |
| <b>Subsoil Moisture</b>            |           |           |           |          |
| Very Short                         | 49        | 44        | 40        | 42       |
| Short                              | 31        | 35        | 41        | 39       |
| Adequate                           | 19        | 21        | 18        | 18       |
| Surplus                            | 1         | 0         | 1         | 1        |
| <b>Days Suitable for Fieldwork</b> |           |           |           |          |
| Days                               | 6.5       | 6.2       | 5.1       | 5.8      |

### Livestock Report

Range and pasture feed conditions declined slightly from last week. Ranchers continue to move their livestock from summer pastures.

| Livestock Table                         | This Week | Last Week | Last Year | 5 Yr Avg |
|---|-----------|-----------|-----------|----------|
| <b>Range and Pasture Feed Condition</b> |           |           |           |          |
| Very Poor                               | 18        | 17        | 20        | 21       |
| Poor                                    | 19        | 19        | 30        | 29       |
| Fair                                    | 38        | 37        | 36        | 33       |
| Good                                    | 21        | 24        | 11        | 15       |
| Excellent                               | 4         | 3         | 3         | 2        |
| <b>Moved From Summer Ranges</b>         |           |           |           |          |
| Cattle and Calves                       | 25        | 18        | 29        | 26       |
| Sheep and Lambs                         | 23        | 14        | 21        | 25       |

### Field Crops Report

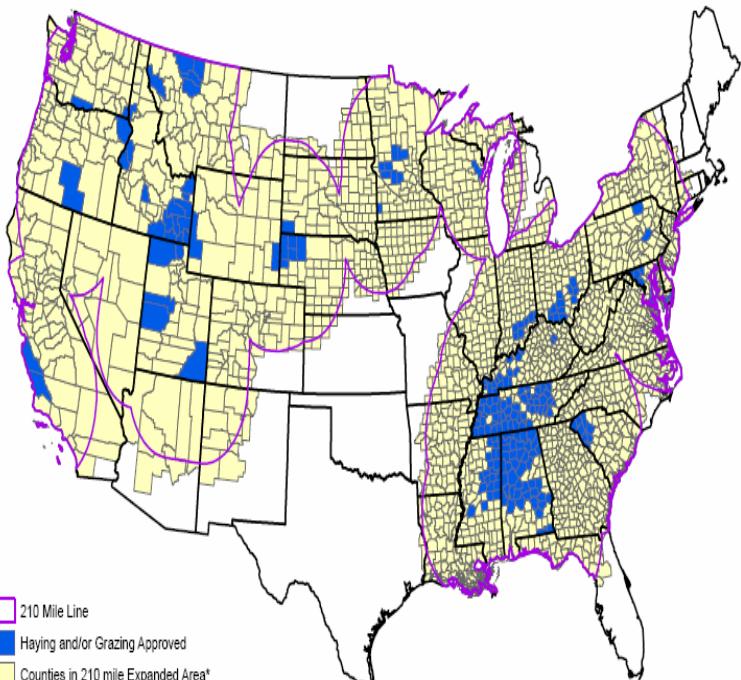
Winter wheat seedings are 28 percent complete, ahead of last year's progress of 19 percent as well as the 5 year average of 25 percent. Pulse crop harvest is almost complete except for dry beans being 62 percent complete. Seventy percent of corn for silage has been harvested and 88 percent of the crop is rated good to excellent compared to 85 percent last year.

| Crop Condition Table | This Week | Last Week | Last Year | 5 Yr Avg |
|----------------------|-----------|-----------|-----------|----------|
| <b>Corn</b>          |           |           |           |          |
| Very Poor            | 0         | 0         | 0         | n/a      |
| Poor                 | 1         | 1         | 0         | n/a      |
| Fair                 | 11        | 9         | 15        | n/a      |
| Good                 | 75        | 78        | 43        | n/a      |
| Excellent            | 13        | 12        | 42        | n/a      |

| Crop Progress Table        | This Week | Last Week | Last Year | 5 Yr Avg |
|----------------------------|-----------|-----------|-----------|----------|
| <b>Planted</b>             |           |           |           |          |
| Winter Wheat               | 28        | 9         | 19        | 25       |
| <b>Harvested</b>           |           |           |           |          |
| Durum Wheat                | 96        | 94        | 96        | 77       |
| Lentils                    | 99        | 93        | 100       | n/a      |
| Dry Beans                  | 62        | 44        | 92        | 58       |
| Flaxseed                   | 89        | 81        | 95        | n/a      |
| Safflower                  | 40        | 37        | 85        | n/a      |
| Canola                     | 99        | 94        | 96        | n/a      |
| Mustard Seed               | 97        | 85        | 99        | n/a      |
| Corn for Silage            | 70        | 39        | 54        | 46       |
| Corn for Grain             | 5         | 3         | 0         | n/a      |
| <b>Hay, Second Cutting</b> |           |           |           |          |
| All Other                  | 91        | 90        | 94        | 88       |

### 2007 Emergency Haying and Grazing Status

As of COB September 5, 2007



Map provided by FSA/CEPD/CEPD. If you have any questions, please call (202) 690-0794.  
FSA will continue to monitor and make changes as needed.

**Weather Information for the Week ending 09/16/2007**

| Station ID           | Precipitation |     |     |      |     |           |       |                 |       |      |                   |        |      |
|----------------------|---------------|-----|-----|------|-----|-----------|-------|-----------------|-------|------|-------------------|--------|------|
|                      | Temperature   |     |     | GDDs |     | This Week |       | April 1 to Date |       |      | October 1 to Date |        |      |
|                      | Hi            | Low | Avg | B50  | DFN | Total     | DFN   | Total           | DFN   | %NRM | Total             | DFN    | %NRM |
| <b>NORTHWEST</b>     |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Alberton             | 88            | 32  | 59  | 65   | +11 | 0.00      | -0.28 | 5.18            | -2.09 | 71   | 15.79             | +2.81  | 122  |
| Anaconda             | 81            | 34  | 57  | 51   | +17 | 0.03      | -0.32 | 9.51            | -0.12 | 99   | 15.63             | +1.71  | 112  |
| Clinton              | 84            | 28  | 57  | 51   | -3  | 0.00      | -0.28 | 7.27            | +0.00 | 100  | 15.99             | +3.01  | 123  |
| Corvallis            | 84            | 35  | 59  | 66   | +18 | 0.00      | -0.28 | 4.08            | -2.91 | 58   | 6.92              | -5.80  | 54   |
| Creston              | 81            | 31  | 55  | 38   | -3  | 0.01      | -0.41 | 6.04            | -4.86 | 55   | 10.69             | -8.46  | 56   |
| Deer Lodge           | 80            | 27  | 54  | 33   | +2  | 0.00      | -0.28 | 7.18            | -0.19 | 97   | 10.44             | +0.20  | 102  |
| Drummond             | 83            | 26  | 55  | 38   | -7  | 0.00      | -0.28 | 7.54            | -0.42 | 95   | 11.28             | -1.54  | 88   |
| Hamilton             | 85            | 38  | 61  | 79   | +31 | 0.00      | -0.28 | 4.58            | -2.41 | 66   | 8.56              | -4.16  | 67   |
| Kalispell            | 83            | 33  | 57  | 47   | +6  | 0.00      | -0.29 | 5.31            | -3.13 | 63   | 11.21             | -4.78  | 70   |
| Missoula             | 85            | 38  | 62  | 84   | +30 | 0.00      | -0.28 | 4.21            | -3.06 | 58   | 9.71              | -3.27  | 75   |
| Olney                | 83            | 35  | 56  | 47   | +13 | 0.00      | -0.35 | 4.07            | -5.99 | 40   | 15.77             | -6.64  | 70   |
| Polson               | 83            | 39  | 60  | 69   | +11 | 0.00      | -0.35 | 7.46            | -1.94 | 79   | 12.31             | -3.70  | 77   |
| St Ignatius          | 84            | 38  | 60  | 74   | +19 | 0.01      | -0.34 | 6.72            | -3.00 | 69   | 12.07             | -3.89  | 76   |
| Seeley Lake          | 83            | 27  | 59  | 66   | +28 | 0.00      | -0.35 | 4.55            | -4.07 | 53   | 15.09             | -5.82  | 72   |
| Sula                 | 81            | 23  | 54  | 29   | -4  | 0.00      | -0.32 | 8.25            | -1.16 | 88   | 13.63             | -2.07  | 87   |
| Superior             | 88            | 28  | 61  | 78   | +13 | 0.41      | +0.13 | 8.34            | +0.86 | 111  | 18.15             | +2.10  | 113  |
| Swan Lake            | 85            | 31  | 55  | 35   | -3  | 0.00      | -0.49 | 8.61            | -2.79 | 76   | 24.36             | -3.10  | 89   |
| Thompson Falls       | 90            | 39  | 65  | 107  | +37 | 0.00      | -0.30 | 6.10            | -2.50 | 71   | 23.63             | +1.22  | 105  |
| West Glacier         | 81            | 30  | 55  | 39   | +0  | 0.00      | -0.53 | 7.47            | -4.81 | 61   | 24.32             | -3.80  | 86   |
| <b>NORTH CENTRAL</b> |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Chester              | 83            | 28  | 55  | 43   | -13 | 0.00      | -0.21 | 5.34            | -2.56 | 68   | 9.08              | -1.23  | 88   |
| Chinook              | 83            | 30  | 54  | 34   | -27 | 0.03      | -0.36 | 8.70            | -0.31 | 97   | 12.49             | +0.74  | 106  |
| Choteau              | 81            | 28  | 55  | 40   | -21 | 0.00      | -0.26 | 4.71            | -3.49 | 57   | 6.42              | -3.75  | 63   |
| Cut Bank             | 83            | 32  | 55  | 49   | +2  | 0.01      | -0.27 | 2.13            | -6.91 | 24   | 2.61              | -8.76  | 23   |
| Ft Assinniboine      | 83            | 26  | 54  | 37   | -31 | 0.01      | -0.34 | 8.39            | -0.08 | 99   | 11.90             | +0.41  | 104  |
| Fort Benton          | 84            | 29  | 53  | 33   | -31 | 0.00      | -0.30 | 7.93            | -1.79 | 82   | 12.26             | -1.58  | 89   |
| Goldbutte            | 83            | 22  | 55  | 48   | -3  | 0.10      | -0.27 | 7.58            | -2.10 | 78   | 11.70             | -0.73  | 94   |
| Harlem               | 85            | 30  | 55  | 44   | -19 | 0.00      | -0.35 | 9.26            | +0.82 | 110  | 12.27             | +1.22  | 111  |
| Havre                | 83            | 25  | 53  | 39   | -24 | 0.01      | -0.27 | 8.22            | +0.57 | 107  | 11.61             | +0.97  | 109  |
| Malta                | 84            | 30  | 58  | 60   | +2  | 0.00      | -0.28 | 9.87            | +0.38 | 104  | 12.65             | +0.53  | 104  |
| Rudyard              | 80            | 29  | 52  | 27   | -42 | 0.00      | -0.35 | 8.98            | -0.86 | 91   | 12.29             | -0.93  | 93   |
| Shelby               | 84            | 28  | 54  | 41   | -15 | 0.01      | -0.27 | 4.38            | -4.92 | 47   | 7.78              | -3.89  | 67   |
| Turner               | 83            | 27  | 55  | 46   | -12 | 0.03      | -0.25 | 7.92            | -1.57 | 83   | 9.75              | -2.37  | 80   |
| Valier               | 81            | 32  | 58  | 61   | +5  | 0.02      | -0.26 | 4.86            | -4.44 | 52   | 6.80              | -4.87  | 58   |
| <b>NORTHEAST</b>     |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Bredette             | 90            | 25  | 55  | 53   | -6  | 0.00      | -0.29 | 11.78           | +2.41 | 126  | 14.81             | +3.15  | 127  |
| Culbertson           | 92            | 21  | 57  | 58   | +2  | 0.00      | -0.42 | 10.63           | +0.15 | 101  | 13.94             | +0.73  | 106  |
| Glasgow              | 79            | 31  | 57  | 59   | -5  | 0.00      | -0.22 | 11.45           | +3.23 | 139  | 13.56             | +3.02  | 129  |
| Glendive             | 89            | 27  | 60  | 74   | +1  | 0.00      | -0.35 | 10.29           | +0.22 | 102  | 13.60             | +0.55  | 104  |
| Jordan               | 82            | 25  | 54  | 40   | -30 | 0.00      | -0.35 | 11.82           | +2.38 | 125  | 14.13             | +1.70  | 114  |
| Nashua               | 87            | 28  | 57  | 53   | -11 | 0.00      | -0.22 | 13.58           | +5.36 | 165  | 16.10             | +5.56  | 153  |
| Opheim               | 82            | 18  | 51  | 26   | -19 | 0.00      | -0.33 | 10.48           | +1.34 | 115  | 12.47             | +1.30  | 112  |
| Plentywood           | 90            | 19  | 53  | 35   | -16 | 0.00      | -0.35 | 13.75           | +4.41 | 147  | 16.09             | +4.40  | 138  |
| St Marie             | 84            | 30  | 56  | 53   | -11 | 0.00      | -0.22 | 9.04            | +0.82 | 110  | 10.56             | +0.02  | 100  |
| Scobey               | 88            | 12  | 51  | 30   | -29 | 0.00      | -0.29 | 11.22           | +1.85 | 120  | 13.54             | +1.88  | 116  |
| Sidney               | 90            | 26  | 57  | 57   | -9  | 0.01      | -0.34 | 10.24           | +0.30 | 103  | 12.87             | -0.21  | 98   |
| Wolf Point           | 78            | 23  | 54  | 40   | -28 | 0.00      | -0.35 | 11.97           | +1.05 | 110  | 13.62             | -0.73  | 95   |
| <b>CENTRAL</b>       |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Cascade              | 84            | 25  | 54  | 38   | -2  | 0.00      | -0.42 | 9.14            | -1.25 | 88   | 13.19             | -0.95  | 93   |
| Grass Range          | 81            | 30  | 57  | 55   | -6  | 0.00      | -0.35 | 13.54           | +1.55 | 113  | 19.47             | +3.30  | 120  |
| Great Falls          | 85            | 34  | 57  | 59   | -2  | 0.00      | -0.28 | 6.28            | -3.55 | 64   | 10.87             | -3.83  | 74   |
| Harlowton            | 85            | 28  | 53  | 33   | -21 | 0.12      | -0.16 | 11.37           | +1.52 | 115  | 16.06             | +2.82  | 121  |
| Helena               | 87            | 37  | 59  | 66   | +10 | 0.00      | -0.28 | 6.24            | -1.42 | 81   | 9.35              | -1.75  | 84   |
| Lewistown            | 80            | 32  | 53  | 38   | -11 | 0.10      | -0.25 | 12.32           | +0.21 | 102  | 17.59             | +0.11  | 101  |
| Martinsdale          | 85            | 23  | 54  | 37   | -6  | 0.00      | -0.31 | 8.27            | -1.16 | 88   | 11.94             | -0.82  | 94   |
| Neihart              | 83            | 29  | 55  | 41   | +2  | 0.02      | -0.47 | 14.79           | +1.33 | 110  | 24.19             | +4.24  | 121  |
| Rogers Pass          | 83            | 26  | 53  | 32   | -23 | 0.01      | -0.31 | 9.30            | +0.05 | 101  | 13.95             | +1.41  | 111  |
| Roundup              | 89            | 28  | 60  | 71   | -1  | 0.00      | -0.31 | 11.63           | +2.65 | 130  | 16.08             | +4.07  | 134  |
| Ryegate              | 84            | 27  | 53  | 31   | -11 | 0.00      | -0.28 | 10.16           | +0.94 | 110  | 14.48             | +2.12  | 117  |
| Stanford             | 81            | 32  | 58  | 60   | +10 | 0.02      | -0.33 | 10.55           | -1.21 | 90   | 15.25             | -0.74  | 95   |
| Townsend             | 79            | 31  | 55  | 38   | -18 | 0.00      | -0.28 | 5.94            | -1.95 | 75   | 8.91              | -1.84  | 83   |
| Valentine            | 83            | 29  | 53  | 27   | -34 | 0.03      | -0.28 | 11.37           | +0.74 | 107  | 15.81             | +1.82  | 113  |
| Wht Sulphur Spr      | 78            | 27  | 53  | 32   | -1  | 0.00      | -0.35 | 5.48            | -4.53 | 55   | 8.37              | -7.24  | 54   |
| <b>SOUTHWEST</b>     |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Boulder              | 81            | 26  | 54  | 33   | -11 | 0.00      | -0.28 | 6.84            | -1.25 | 85   | 10.04             | -1.16  | 90   |
| Bozeman              | 81            | 31  | 58  | 57   | +3  | 0.00      | -0.49 | 13.21           | +1.41 | 112  | 23.69             | +5.40  | 130  |
| Butte                | 79            | 29  | 54  | 33   | +1  | 0.00      | -0.28 | 8.25            | +0.02 | 100  | 12.20             | +0.63  | 105  |
| Dillon               | 80            | 31  | 56  | 45   | -1  | 0.00      | -0.28 | 8.20            | +0.72 | 110  | 11.65             | +1.87  | 119  |
| Ennis                | 83            | 27  | 53  | 32   | -13 | 0.00      | -0.35 | 8.86            | -0.27 | 97   | 14.31             | +1.65  | 113  |
| Lakeview             | 79            | 30  | 56  | 44   | +19 | 0.00      | -0.49 | 5.41            | -6.01 | 47   | 12.27             | -7.25  | 63   |
| W Yellowstone        | 78            | 18  | 50  | 19   | -2  | 0.00      | -0.42 | 6.25            | -3.90 | 62   | 13.19             | -8.15  | 62   |
| Wisdom               | 79            | 16  | 50  | 11   | -8  | 0.00      | -0.28 | 7.51            | +0.48 | 107  | 13.35             | +2.53  | 123  |
| <b>SOUTH CENTRAL</b> |               |     |     |      |     |           |       |                 |       |      |                   |        |      |
| Billings             | 83            | 38  | 60  | 75   | +0  | 0.02      | -0.33 | 9.63            | +0.67 | 107  | 15.47             | +1.04  | 107  |
| Cooke City           | 80            | 29  | 56  | 44   | +30 | 0.00      | -0.59 | 7.23            | -5.44 | 57   | 13.12             | -11.37 | 54   |
| Gardiner             | 84            | 32  | 62  | 85   | +20 | 0.00      | -0.28 | 3.39            | -3.36 | 50   | 7.21              | -2.99  | 71   |
| Hardin               | 90            | 34  | 62  | 82   | +15 | 0.00      | -0.42 | 9.09            | -0.49 | 95   | 14.47             | -0.61  | 96   |
| Huntley              | 85            | 28  | 56  | 52   | -11 | 0.08      | -0.31 | 9.89            | +0.59 | 106  | 14.68             | +1.20  | 109  |
| Hysham               | 89            | 32  | 59  | 62   | -15 | 0.00      | -0.35 | 10.76           | +1.84 | 121  | 15.95             | +3.39  | 127  |
| Joliet               | 85            | 28  | 55  | 46   | -17 | 0.02      | -0.38 | 9.22            | -1.00 | 90   | 15.09             | -0.39  | 97   |
| Livingston           | 86            | 27  | 55  | 47   | -12 | 0.00      | -0.42 | 9.29            | -1.19 | 89   | 15.36             | +0.45  | 103  |
| Nye                  | 82            | 29  | 57  | 54   | -5  | 0.45      | +0.03 | 10.41           | -0.07 | 99   | 1                 |        |      |